

The following are sample letters from elementary students from the George E. Jack School in Standish, Maine:

Dear Construction workers,

Thank you for redoing our school this year! It looks great inside and outside. I'm glad it's redone. I bet you would like a day off and some ice cold lemonade and an ice cream.

Thanks, Kellie Dear Construction workers,

I used to hate school but this almost new school makes me enjoy school. On the first day of school I went in and I was shocked, it was great. When I went down to breakfast one wall was knocked down. I was totally shocked. I like this school. It is the best school I've been to. Thanks for all the hard work you put into this school.

Sincerely, Dan

DEFINITION

A physically healthy school environment addresses the physical and aesthetic surroundings of the school, including the buildings, outdoor areas and transportation. Air and water quality, building structure, physical design, temperature, noise, maintenance, sanitation and lighting are also elements of the physical environment.

RATIONALE

The purpose of maintaining a healthy school environment is to ensure that the physical needs of education (school sites, buildings, transportation, equipment and maintenance) are of a high quality and meet at least minimum standards and guidelines. A healthy physical environment promotes learning, productivity, comfort, good health, and safety for all of its occupants. Maintaining a healthy physical environment:

- Protects the health and safety of all occupants.
- Provides a safe and comfortable place to work and study.
- Minimizes hazards to students, staff and visitors.
- Provides information to staff and students on possible risks to health and safety.
- Trains and instructs staff and students regarding safe practices.
- Provides safety equipment and specific training when hazards cannot be eliminated.

(Note: Due to the dynamic, expanding nature of these standards and guidelines, please use the Contacts list at the end of this section before taking action to assure that the information is the most current available.)

GUIDELINES:

- 1. The school staff work proactively to prevent indoor air quality problems and assure that air delivered to school building occupants is of the highest quality possible within the framework of existing codes and standards.
- 2. The school or district has:
 - a) An active cross-organizational safety committee at each location;
 - b) Well-maintained and routinely updated safety and security policies;
 - c) A safe-schools program in each facility/district;
 - d) Compliance with workplace and public facilities safety rules and regulations;
 - e) Maintenance and repair policies, programs and processes in place and working;
 - f) No recognized hazard that is without a remediation interim protection plan.
- 3. The facility complies with American Disabilities Act requirements.
- 4. Staff and administration formalize, support and adhere to operating, maintaining and capital replacement policies and practices.
- 5. Transportation is managed as an essential service, with systems operating within current State and Federal government regulations and National Pupil Transportation Guidelines for organization, policy, equipment, staff and service performance.

GUIDELINE 1: The school staff is proactive in preventing indoor air quality problems and assuring that air delivered to school building occupants is of the highest quality possible within the framework of existing codes and standards.

INDICATORS:

There are few or no reports of:

- A. Thermal- or respiratory-related comfort complaints.
- B. Health complaints (respiratory issues, sore or scratchy throat, skin rash, eye irritation, headache).
- C. Drowsiness.
- D. Evidence of water intrusion into the building.
- E. Odors.
- F. High energy consumption.
- G. Construction/renovation activities.

Element	Standards/Guidelines	Contacts*
a. Air turns, fresh air,	-ASHRAE >15cfm for outdoor air	BGS - 207-287-4001
$C0_{2}$, temperature,	ventilation rate and <1000 ppm CO ₂ .	DOE - Facilities Team
relative humidity,	General ASHRAE guidelines (62-	207-624-6887
mechanical ventilation	1989) for Temp and R.H (The general	MSMA - 1-800-660-8484
maintenance and	recommendation for RH is <30%	Maine Indoor Air Quality
operation.	during heating season in the NE).	Council - 207-626-8115
	-Mechanical heating and ventilation	Maine Lung Assoc 1-
	systems operated in compliance with	800-499-5864
	Title 20A Chapter 223, Sect. 6302	SMACNA - 1-703-803-
		2980
b. VOCS, CO	-DOL standards. Specific to	DOL – 207-624-6400
	compound involved	
c. Pesticides and	-Implement DOA IPM guidelines and	DOA – Board of Pesticides
Integrated Pest	adhere to pesticides regulations –	Control - 207-287-2731
Management (IPM).	Rules 01-026 Chapter 31 and Title 22	DOL – 207-624-6400
	MRSA Chapter 258A, section 1471 C	Univ. of ME. Cooperative
	& D.	Extension (UMCE) – Pest
	-Commercial applicators License	Management Office – 800-
	required for most pesticide	287-0279
	applications inclusive of non-routine	UMCE County Extension
	disinfectant use.	Offices – 800-287-0274
	-Up-to-date MSDS file on every	DOC – 207-287-2431
	chemical, pesticide and cleaning	
	compound in use.	
	-DOL workplace safety standards for	
	chemical use, documentation and	

Element	Standards/Guidelines	Contacts*
	communications are met per 29CFR	
	part 1910, section 1200.	
d. Bio-aerosols, mold,	-Variable with organism and relative	BGS – 207-287-4001
fungi, bacteria and wet	outside concentrations.	DOA – 207-287-2731
and/or deteriorating	-BOCA Structural Codes	DOL – 207-624-6400
building material.		DOE – 207-624-6887
		New York City Dept. of
		Health – 1-212-788-4290
e. Asbestos	-Maintained in stable condition and	BGS – 207-287-4001
	removed where damage or direct	DEEP – 207-287-7829
	access by students or staff exists.	DOL – 207-624-6400
	-Posted Notices. Employee and	MSMA – 1-800-660-8484
	Contractor notification.	
	-Three year AHERA inspection and	
	condition report maintained up-to-	
	date.	
	-See specific DOL and DEP standards	
	(29CFR Part 1910, section 1001).	
f. Lead Paint	-Maintained in good repair, removed	BGS – 207-287-4001
	or encapsulated. No airborne material.	DEEP – 207-287-7829
	-Compliance with specific DOL and	DOL – 207-624-6400
	DEP standards – 29CFR Part 1910,	
	section 1025.	
	-If contact is suspected, blood analysis	
D. I. G	may be required.	D110 207 207 5575
g. Radon Gas	-Bureau of Health - <4pCi/liter for air	DHS – 207-287-5676 for
	and <20,000pCi for water (under	air and 207-287-2070 for
	revision).	water.

GUIDELINE 2: The school or district has:

- a) An active safety committee at each location;
- b) Well-maintained and routinely updated safety and security policies;
- c) A safe-schools program in each facility/district;
- d) Compliance with workplace and public facilities safety rules and regulations;
- e) Maintenance and repair policies, programs and processes in place and working;
- f) No recognized hazard that is without a remediation interim protection plan

INDICATORS:

The following indicators exist and are actively used throughout the facility:

- A. Safety committee reports.
- B. Facility assessment.
- C. Maintenance reports.
- D. Documentation of training and drill events.
- E. Documented incident investigation and mitigation.
- F. Up-to-date emergency response plan.

Element	Standards/Guidelines	Contacts*
a. Buildings, Utility,	-Buildings, utilities, services,	DOE – Facilities Team 207-
Services, Site Selection and	playing fields, walkways,	624-6887
Design, Capacities/space	parking lots, roadways and	BGS – 207-287-4009
requirements. Playground	traffic flow meet all applicable	DOL – 207-624-6400
design and safety.	State and Federal design, fire	DEEP – 207-287-7658, 287-
	and safety codes, and size	3901
	standards and guidelines.	State Fire Marshall – 207-
	-Areas not meeting current	624-8964
	design standards are clearly	DOT – 207-624-3000
	identified and contingent	DHS –207-287-5308 and
	safety management plans are	207-287-2070 (Water); 287-
	in place to mitigate the hazard.	5671 (Eating and Lodging)
	-Fire Code ANSI/NFPA 101	BPL – 207-287-4970
	-DHS Eating and Lodging	NFPA – 617-770-3000
	Rules 10-144A-CMR201.	DOE – Nutrition Team 207-
	-Outdoor air quality and	624-6843
	contaminates should be	BOH – 207-287-2070 (water
	examined as a site selection	supply)
	criteria.	Planning Ofc 207-287-3261
	-Use of NEBB or AABC	MSMA – 800-660-8484

Element	Standards/Guidelines	Contacts*
	certified Test, Adjust and	DOD - Maine Emergency
	Balance contractors is	Management Agency – 800-
	recommended.	452-8735
	-Building commissioning	Maine Injury Prevention
	process is recommended with	Program – 800-698-3624
	major construction and	Maine Coalition for Safe
	renovation projects.	Kids – 207-778-2251
		NESDEC – 508-481-9444
b. Equipment and Work	-Work stations, study stations,	DOL – 207-624-6400
Station Design inclusive of	equipment and tools meet	MSMA – 800-660-8484
maintenance and program-	standards of ergonomic design	
related equipment and tools.	and safety.	
	-Video Display Terminal	
	(VDT) law compliance Title	
	26, MRSA Section 251 and	
	252	
c. Access Security	Local Delicy written and	DOE – Facilities Team 207-
c. Access Security	-Local Policy written and implemented	624-6887
	Implemented	Me. State Police – Safe
		Schools Resources 207-324-
		1150
		MSMA – 800-660-8484
		DOD, Maine Emergency
		Management Agency – 800-
		452-8735
d. Signage	-All exits, areas of refuge, and	DOL - 207-624-6400
	emergency equipment clearly	MSMA – 800-660-8484
	identified and Evacuation	
	Maps and procedures clearly	
	posted throughout the facility.	
e. Operating Policies and	-Compliance with DOL	DOL – 207-624-6400
Practices for handling, use,	workplace safety and health	MSMA – 800-660-8484
and/or storage of hazardous	standards, 29CFR Part 1910,	UMO School Health
materials including body	Section 1200 and Section	Education Resource Center –
fluids.	1030.	888-848-1685
f. Training, Education and	-Meet all minimum schedule	State Fire Marshall – 207-
Drills	and content requirements for	624-8964
	evacuation, fire, hazardous	DOE – Facilities Team –
	material and lockdown training	207-624-6887
	and drills. Emergency -	MSMA – 800-660-8484
	Management plan written and	DOD, Maine Emergency
	implemented.	Management Agency – 800-
		452-8735

g. OSHA/DOL - Workplace	-In compliance with applicable	DOL - 207-624-6400
Safety and Health	29 CFR, Part 1910 and 1926	MSMA – 800-660-8484
h. Maintenance and Repair	-PVM inspection and	DOE – Facilities Team 207-
	maintenance program	624-6887
	functioning in each facility.	BGS – 207-287-4009
	-Condition monitoring and	DOA – 207-287-2731
	hazard assessment programs	DOL – 207-624-6400
	for all building systems in	Univ. of Me. Cooperative
	place.	Extension, Office of Pest
	-Pesticide and Chemical	Management –
	Standards. IPM policies and	UMCE, County Offices –
	procedures for pest control.	800-287-0274
	License required for some	
	chemical applications	
	-Re-entry requirements for	
	some chemical applications	

GUIDELINE 3: The facility complies with American Disabilities Act requirements.

INDICATORS:

A. Periodic facility and transportation services compliance assessment by qualified engineer/architect and/or State Fire Marshall.

Element	Standards/Guidelines	Contacts*
a. ADA Compliance	-Compliance or plan and	DOE – Special Services Team
	schedule in place for	207-624-6650
	correction of identified issues.	State Fire Marshall – 207-624-
	-Required mitigation actions	8964
	for inclusion in any renovation	BGS – 207-287-5009
	project with cost exceeding	Human Rights Commission –
	thresholds.	207-624-6050
	-Reasonable accommodation	MSMA – 800-660-8484
	rules.	
	-See specific DOL, DHS,	
	DOE (Special Education),	
	ADA and State Fire Marshall	
	Regulations and standards for	
	design and use.	

GUIDELINE 4: Operating, maintaining and capital replacement policies and practices are formalized, supported and adhered to by all staff and administration.

INDICATORS:

The condition of the facility has been assessed using the Maine Department of Education Facilities Management Standards (1910), and results indicate a satisfactory level of maintenance and capital asset management performance in the following areas:

- A. Appearance
- B. Cleanliness
- C. Condition of paint;
- D. Odors
- E. Age and design of equipment compared to state-of-the-art items of the same function
- F. Annual budget for maintenance and capital replacement

Element	Standards/Guidelines	Contacts*
a. Operating policies and	-DHS, BOH Eating and	DOE Facilities Team 207-
practices related to	Lodging Rules	624-6887
stewardship and appearance.	-DOE Facility Management	DOE Nutrition Team 207-
	Standards.	624-6843
		DHS – 207-287-5671
		DOL – 207-624-6400
		MSMA – 800-660-8484
b. Operating policies and	-Compliance with DOL	DOL – 207-624-6400
practices for handling, use,	workplace safety and health	DOA – 207-287-2731
and/or storage of hazardous	standards, 29CFR Part 1910,	UMO School Health
materials, including body	Section 1030 and Section	Education Resource Center –
fluids.	1200.	888-848-1685
		MSMA – 800-660-8484
c. Maintenance policies and	-PVM and repair practiced	DOE – Facilities Team 207-
practices related to	sufficient to maintain at design	624-6887
stewardship and appearance	appearance and function.	BGS – 207-287-4009
	-Budget established to meet	DOL – 207-624-6400
	DOE facilities management	
	standards and DOL workplace	
	safety and health standards,	
	29CFR Post 1910.	
d. Capital replacement	-Replacement scheduled and	DOE – Facilities Team 207-
policies and practices related	budgeted based on condition	624-6887
to stewardship and	assessment process and life	
appearance.	cycle analysis (inclusive of	
	program needs, obsolescence	
	and state of technology	
	analysis).	

GUIDELINE 5: Transportation is managed as an essential service with systems operating within current State and Federal Government regulations and National Pupil Transportation Guidelines for organization, policy, equipment, staff and service performance.

INDICATORS:

The following indicators are tracked and analyzed. Problem areas (indicated by high rates of incidents or unsatisfactory performance levels) are addressed with improvement plans and corrective actions.

- A. Crash statistics
- B. Vehicle inspection results
- C. Driver grievances
- D. Student and /or parent complaints
- E. Rider statistics (% riders, length of ride; training and drill documentation)
- F. Driver performance review
- G. Drug and alcohol testing
- H. Skill competition data
- I. Age, mileage and appearance of the bus fleet
- J. Use of non-conforming vehicles for pupil transportation

Element	Standards/Guidelines	Contacts*
a. Vehicle Fleet	-All vehicles pass State Police	DOE – Transportation
	Inspection 2x each year.	Specialist 207-624-3000
	-No vehicles used in the >10	Me. State Police, Traffic
	passenger vehicle class which	Division 207-624-8939
	do not meet all Federal Motor	USDOT – NHTSA 617-494-
	Vehicle Safety Standards for	3427
	School Bus Construction.	MSMA – 800-660-8484
	-Fleet replacement cycle	
	within industry recommended	
	standards by vehicle type.	
	-PVM system in use.	
	-Special education and	
	preschool children	
	requirements comply with all	
	relevant FMVSS and NHTSA	
	guidelines.	
b. Drivers	-Meet licensing, annual	DOE – Transportation Team
	physical requirements and	207-624-6887
	training, skill and knowledge	BMV – CDL Division 207-
	requirements of Title 20A and	624-9000.

Element	Standards/Guidelines	Contacts*
c. Students	Title 29A and as established in the current Uniform Standards for Pupil Transportation in Maine (DOE Rules chapter 081) -Pass all alcohol and drug testing requirements -Pre-trip and Post-trip inspection reports complete -Twice annual training and drills for safe riding practices	Maine State Police, Commercial Vehicle Division 207-624-8939 MAPT – 207-874-0622 MSMA – 800-660-8484 DOE – Transportation Team 207-624-6887
	and evacuation.	MAPT – 207-874-0622 MSMA – 800-660-8484
d. System	-Investigation and analysis of all crashes and near miss incidents and a resulting corrective action planLength of ride policy -Route design policy -Length of walk policy -Pick-up and drop-off selection and review processEmergency response plan and training for drivers, students and support staff/agenciesAdherence to seating capacity guidelinesInvolvement in Special Ed. IEP when transportation is determined to be a related service or when transportation issues are a predictable outcome of the disabilityStudent management and confidentiality training for all drivers. Submission of all required program and crash reports to DOT, DOE and DOPS.	DOE – Transportation Team 207-624-6887. Me. State Police, Traffic Division – 207-624-8939 MAPT – 207-874-0622 DOT – 207-624-3000 MSMA – 800-660-8484 DOD, Maine Emergency Management Agency – 800-452-8735 Maine State Police, Safe Schools Program – 207-324-1150

MAINE RESOURCES AND CONTACTS

American Lung Association of Maine – www. mainelung.org - (800) 499-5864

Maine Department of Education 23 State House Station Augusta ME 04333-0023

Scott Brown
 Director, School Facility Programs

 207-624-6842

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Michael Kucsma

Education Specialist: School Renovation and Lease Programs 207-624-6885

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Jay Readinger

Education Specialist: School Maintenance and Capital Planning Programs 207-624-6886

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Maine Department of Administrative and Financial Services Bureau of General Services 77 State House Station Augusta ME 04333

Lynwood Myshrall
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 207-624-7351
 lynwood.myshrall@state.me.us

• Goff French Construction Engineer 207-624-7346

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• Gene Kaler IAQ Technician 207-624-7349 gene.kaler@state.me.us

- Peter Glasow
 Architect
 207-624-7347
 mailto:peter.glasow@state.me.us
- Maine Board of Pesticides Control http://www.state.me.us/agriculture/pesticides/homepage.htm
- Maine Coalition for Safe Kids 207-778-5097
- Maine Department of Environmental Protection http://www.state.me.us/dep/
- Maine Department of Labor/Safety Works http://www.state.me.us/labor/blsmain.htm 207-624-6400 or 1-877-SAFE-345
- Maine Drinking Water Program http://www.state.me.us/dhs/eng/rad/rad.htm 207-287-2070.
- Maine Eating and Lodging Program http://www.state.me.us/dhs/eng/el/index.htm 207-287-5671.
- Maine Labor Group on Health, Inc. 207-622-7823
- Maine Plumbing and Wastewater Program http://www.state.me.us/dhs/eng/plumb/plumb.htm 207-287-5689.
- Maine Radiation Control Program, Radon/IAQ Section-http://www.state.me.us/dhs/eng/rad/hp_radon.htm Phone 207-287-5676 or 1-800-232-0842.
- Maine Safety Council http://www.ime.net/msc/msc Phone: 207-854-8411
- Maine School Management Association 622-3473
- Maine Schools Integrated Pest Management Program 207-287-7616
- Portland Energy Conservation, Inc. (PECI) http://www.peci.org

NATIONAL RESOURCES AND CONTACTS

- American Air Balancing Council (AABC) http://www.aabchq.com
- American National Standards Institute (ANSI) http://www.ansi.org
- American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) http://www.ashrae.org
- American Society for Testing and Materials http://www.astm.org/contact.html
- Association of Energy Engineers (AEE) http://www.aeecenter.org
- Building Officials and Code Administration International, Inc. (Boca) http://www.bocai.org
- Center for Disease Control http://www.cdc.gov
- Consumer Product Safety Commission http://www.cpsc.gov
- Environmental Protection Agency http://www.epa.gov
- Indoor Air Quality Association http://www.iaqa.org
- Integrated Pest Management Institute http://www.ipminstitute.org/school.htm
- National Coalition against the Misuse of Pesticides (NCAMP) http://www.ncamp.org/local_school.htm
- National Environmental Balancing Bureau (NEBB) http://www.nebb.org
- National Fire Protection Association (NFPA) Phone: 617-770-3000

- National Institute for Occupational Safety and Health (NIOSH) http://www.edc.gov/niosh
- National Playground Safety Institute http://www.nrpa.org/NRPA
- Occupational Safety and Health Agency (OSHA) http://www.osha.gov Phone: 207-941-8177
- Safety Information Resources, Inc. http://hazard.com

ADDITIONAL RESOURCES AND REFERENCES

Publications

American Air Balancing Council. TAB Journal (magazine).

American Society of Heating, Refrigerating and Air Conditioning Engineers. ASHRAE Journal.

American Society of Heating, Refrigerating and Air Conditioning Engineers. *IAQ Applications* (magazine).

Environmental Protection Agency and NIOSH. (1991) *Building Air Quality*. NIOSH Publication No. 91-114.

AIHA. (1996) Field Guide for the Determination of Biological Contaminants in Environmental Samples.

Bearg, David. Indoor Air Quality and HVAC Systems. Lewis Publishers

Business News Publishing Co. Engineered Systems (magazine).

Cutter Information Services. *IEQ Strategies* (newsletter).

Daar, S.; Drlik, T; Olkowski, H.; and Olkowski, W. (1997) *IPM for School: A How-to Manual*. Bio-Integral Resource Center Publication.

Maine Bureau of General Services. Architectural and Engineering Services Procurement Manual

Maine Community Action Housing Council. (1996). *Maine Auditor/Estimator Health and Safety Field Guide*.

Maine DECD, Energy Division. Maine Guide to Energy Efficient Residential Construction - Manual of Accepted Practices.

Massachusetts Department of Agriculture. Integrated Pest Management Kit for Building Managers.

- National Fire Protection Association *NFPA Life Safety Code*. 1 Batterymarch Park, Quincy, Ma. 617-770-3000.
- New York City, Department of Health. Guidelines on Assessment and Remediation of Fungi in Indoor Environments.
- Penton Media. HPAC Engineering (magazine).
- U.S. Consumer Product Safety Commission. *Handbook for Public Playground Safety*. Publication No. 325.
- U.S. Department of Education . Schools as Centers of Community: A Citizens' Guide for Planning and Design.
- U.S. Environmental Protection Agency. (1995) *Indoor Air Quality Tools for Schools Action Kit.* EPA 402-K-95-001.
- U.S. Environmental Protection Agency. (1993) *Pest Control in the School Environment: Adopting Integrated Pest Management*. EPA #735-F-93-012.
- U.S. Environmental Protection Agency. (1993) *Radon Measurement in Schools*. EPA-402-R-92-014.
- U.S. Environmental Protection Agency. (1994) *Radon Mitigation Standards*. EPA 402-R-93-078.
- U.S. Environmental Protection Agency. (1994) *Radon Prevention in the Design and Construction of Schools and Other Large Buildings*. EPA/625/R-92/016.
- U.S. Environmental Protection Agency. (1994) *Reducing Radon in Schools: A Team Approach*. EPA 402-R-94-008.
- University of Massachusetts Extension. *Integrated Pest Management Guidelines for Structural Pests.* 413-545-2717 to order.
- Vassalboro Community School. *SafetyTips for Woodworking Machines*. (Available at http://www.vcs.u52.k12.me.us; click on "classrooms" and then "Craig Taylor")

Websites

- Building Science Corporation http://www.buildingscience.com
- ChemInfoNet chemical safety in schools http://www.cheminfonet.org
- E Design On-Line http://www.state.fl.us/fdi/e-design/online/edo.htm
- Envirocenter http://www.envirocenter.com/envohp/Ndefault.htm
- Envirovillage Papers -http://www.envirovillage.com/papers/N0000100001.htm

- Guidelines on assessment and remediation of fungi and facts about mold http://www.ci.nyc.ny.us/ Search "mold"
- Healthy House Institute http://www.hhinst.com/index.html
- IEQ Strategies http://www.cutter.com/ieqs
- Insect and Plant Disease Management http://pmo.umext.maine.edu/ipddl/ipddl.htm.
- Integrated Pest Management http://www.ifas.ufl.edu/~schoolipm/index.html
- Journal of Light Construction http://www.jlconline.com
- Lyme Disease Research Lab http://zappa.mncri.mmc.org/research/lyme/lymemain
- Maine Department of Labor, Bureau of Labor Standards http://www.state.me.us/labor/bls/websites.htm
- Mold Tips http://www.austin360.com:80/news/1metro/2000/03/05moldtips.html
- National Association of Home Builders http://www.nahb.org/default.htm
- National Clearinghouse for Educational Facilities <u>www.edfacilities.org</u>
- National Highway Transportation Safety Administration http://www.nhtsa.dot.gov/.
- National Information Center for Children and Youth with Disabilities (NICHCY) http://www.nichcy.org
- New York City Mold Remediation Standards http://www.ci.nyc.ny.us/html/doh/html/epi/moldrpt1.html#remed
- Pest Management http://www.umext.maine.edu/topics/pest.htm
- Pesticide Usage http://www.ncamp.org
- Playground Safety http://www.uni.edu.playground
- Safe Schools http://www.stwnews.org
- Safe Schools, New Jersey Department of Education http://www.eohsi.rutgers.edu/ss
- Safety Information Resources Inc. source of Material Safety Data Sheets http://hazard.com/
- SafetyWorks!, Maine Department of Labor http://www.state.me.us/labor/bls/saftwkrs.htm
- School Pesticide Policies and Programs http://www.ncamp.org/local_school.htm
- School Safety Procedures for Art and Industrial Art http://artswire.org:70/1/csa/books/schools
- U.S. Environmental Protection Agency http://www.epa.gov
- Vector and insect borne disease http://www.cdc.gov/health/diseases.htm
- Weatherization Page http://www.weatherization.com
- Workplace Safety http://www.state.me.us/labor
- Workplace Safety and Health for Maine Public Sector (inc. school employees) http://www.state.me.us/labor/newpsw.htm

Laws, Regulations and Rules

- 20-A MRSA Chapter 201, §4001 Facilities, and Chapter 609 School Construction.
- 20-A MRSA Chapter 215 Transportation
- 22 MRSA Chapter 562: Camping Areas and Eating Establishments
- 22 MRSA Chapter 601: Water for Human Consumption
- 22-MRSA Chapter 165: Radon Registration Act

- 5 MRSA Chapters 153 and 375 Public Improvements.
- Maine State Labor Laws Title 26 http://www.state.me.us/legis/statutes/26/title26ch00sec0.html
- Occupational Safety and Health Regulations www.osha.gov
- Pesticide regulations: Rules 01-026 Chapt. 31 and Title 22 MRSA Chapter 258A, section 1471 C & D.
- Rules: 05-071 Chapter 64: Maine School and Facilities Program and School Revolving Renovation Fund.
- Rules: 05-071 Chapter 81:Uniform School Bus Standards for Pupil Transportation in Maine
- Rules: State of Maine State Board of Education, Rules for School Construction Projects.
- Rules: Rule 12-179, Chapter 2 and 3 as filed with the Secretary of State's Office, State of Maine Board of Occupational Safety and Health
- Subsurface Wastewater Disposal Rules: CMR 241.

LIST OF ACRONYMS

ACRONYM NAME

AABC	American Air Balancing Council
ADA	American Disabilities Act
AFRR	Maine Department of Agriculture, Food and Rural Resources
AHERA	Asbestos Hazard Emergency Response Act
ANSI	American National Standards Institute
ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers
BGS	Bureau of General Services
BMV	Maine Bureau of Motor Vehicles
BOCA	Building Officials and Code Administrators International, Inc.
BOH	Maine Bureau of Health, Dept. of Human Services
BPC	Board of Pesticide Control
CDL	Commercial Drivers License
cfm	Cubic feet per minute - refers to the volume of air circulated or introduced
CO	Carbon monoxide
CO2	Carbon dioxide
DEEP	Maine Department of Environmental Protection
DHS	Maine Department of Human Services
DOC	Maine Department of Conservation
DOD	United States Department of Defense
DOE	Department of Education
DOL	Maine Department of Labor
DOT	Maine Department of Transportation
EPA	US Environmental Protection Agency

Federal Insecticide, Fungicide, Rodenticide Act

FIFRA

FMVSS Federal Motor Vehicle Safety Standards
HVAC Heating, ventilating, air conditioning
IAQC Maine Indoor Air Quality Council

IPM Integrated Pest Management

MAPT Maine Association for Pupil Transportation

MPV Moisture, Pollutants, Ventilation MRSA Maine Revised Statutes Annotated

MSDS Material Safety Data Sheets

MSMA Maine School Management Association
NEBB National Environmental Balancing Bureau
NESDEC New England School Development Council

NFPA National Fire Protection Association

NHTSA National Highway Transportation Safety Association

NTSB National Transportation Safety Board

OSHA United States Dept. of Labor Occupational Safety and Health Administration

PMO University of Maine Cooperative Extension Pest Management Office

PVM Preventative Maintenance

R.H. Relative Humidity

SMACNA Sheet Metal and Air Conditioning Contractor's National Association

UMCE University of Maine Cooperative Extension

UMO University of Maine, Orono Campus

USDOT United States Department of Transportation

VOCs Volitile Organic Compounds